

Contents

MUNEOKA, K., HOLLER-DINSMORE, G. V. and BRYANT, S. V. A quantitative analysis of regeneration from chimaeric limb stumps in the axolotl	1-12
PARMENTIER, H. K. and TIMMERMAN, L. P. M. The differentiation of germ cells and gonads during development of carp (<i>Cyprinus carpio</i> L.). A study with anti-carp sperm monoclonal antibodies	13-32
ARCHER, C. W., ROONEY, P. and COTTRILL, C. P. Cartilage morphogenesis <i>in vitro</i>	33-48
BURT, R. and ANDERSON, H. Patterns of peanut agglutinin binding within the developing grasshopper central nervous system	49-56
ANDERSON, H. and FRENCH, V. Cell division during intercalary regeneration in the cockroach leg	57-78
CLEINE, J. H. and DIXON, K. E. The effect of egg rotation on the differentiation of primordial germ cells in <i>Xenopus laevis</i>	79-99
PRATT, H. P. M. Membrane organization in the preimplantation mouse embryo	101-121
TAKANO, J. and SUGIYAMA, T. Genetic analysis of developmental mechanisms in hydra. XVI. Effect of food on budding and developmental gradients in a mutant strain L4	123-138
LEE, J. and TICKLE, C. Retinoic acid and pattern formation in the developing chick wing: SEM and quantitative studies of early effects on the apical ectodermal ridge and bud outgrowth	139-169
NIEMIERKO, A. and KOMAR, A. Action of phorbol myristate acetate (PMA) at fertilization of mouse oocytes <i>in vitro</i>	171-177
CASANOVA, J., SÁNCHEZ-HERRERO, E. and MORATA, G. <i>Contrabithorax</i> and the control of spatial expression of the bithorax complex genes of <i>Drosophila</i>	179-196
LEHTONEN, E. A monoclonal antibody against mouse oocyte cytoskeleton recognizing cytokeratin-type filaments	197-209
HO, W. C. and BECHTOL, K. B. Induction of cell-cell adhesion by monovalent antibodies in a germ cell culture	211-222
ELINSON, R. P. and DEL PINO, E. M. Cleavage and gastrulation in the egg-brooding, marsupial frog, <i>Gastrotheca riobambae</i>	223-232
FAWCETT, J. W. Factors guiding regenerating retinotectal fibres in the frog <i>Xenopus laevis</i>	233-250
AKITA, Y. and WAKAHARA, M. Cytological analyses of factors which determine the number of primordial germ cells (PGCs) in <i>Xenopus laevis</i>	251-265
BARTON, S. C., ADAMS, C. A., NORRIS, M. L. and SURANI, M. A. H. Development of gynogenetic and parthenogenetic inner cell mass and trophectoderm tissues in reconstituted blastocysts in the mouse	267-285
MARO, B., JOHNSON, M. H., PICKERING, S. J. and LOUVARD, D. Changes in the distribution of membranous organelles during mouse early development	287-309
JOHNSON, M. H. and MARO, B. A dissection of the mechanisms generating and stabilizing polarity in mouse 8- and 16-cell blastomeres: the role of cytoskeletal elements	311-334
PENNINGTON, J. E., RASTAN, S., ROELCKE, D. and FEIZI, T. Saccharide structures of the mouse embryo during the first eight days of development. Inferences from immunocytochemical studies using monoclonal antibodies in conjunction with glycosidases	335-361

Continued overleaf

Contents

JOHNSON, D. R., O'HIGGINS, P., McANDREW, T. J., ADAMS, L. M. and FLINN, R. M. Measurement of biological shape: a general method applied to mouse vertebrae	363-377
RASTAN, S. and ROBERTSON, E. J. X-chromosome deletions in embryo-derived (EK) cell lines associated with lack of X-chromosome inactivation	379-388
COOK, G. M. W., BELLAIRS, R., RUTHERFORD, N. G., STAFFORD, C. A. and ALDERSON, T. Isolation, characterization and localization of a lectin within the vitelline membrane of the hen's egg	389-407
MADDERELL, S. H. P. and OVERTON, J. A. Maintenance of function in single epithelial cells spatially isolated from similar cells	409-414
KENNY-MOBBS, T. Myogenic differentiation in early chick wing mesenchyme in the absence of the brachial somites	415-436
RICKMANN, M., FAWCETT, J. W. and KEYNES, R. J. The migration of neural crest cells and the growth of motor axons through the rostral half of the chick somite	437-455
INDEX OF AUTHORS AND TITLES (VOLUMES 85-90)	457-466
SUBJECT INDEX (VOLUMES 85-90)	467-493

